INDEX TO VOLUME II

New names, and the final members of new combinations, are in **bold face type**

Abies, 232; alba, 232; balsamea, 232; concolor, 232; Fraseri, 231, 232, 240; magnifica, 232; nobilis, 232
Abortiporus **tropicalis,** 185
Abronia fragrans, 220
Absidia, 126, 131, 150, 151; capillata, 131; cylindrospora, 131; dubia, 151; repens, 150; spinosa, 131
Acer, 54; rubrum, 51
Aconitum columbianum, 300
Acrospermum lichenoides, 82
Actaea alba, 219, 227; arguta, 269
Aecidium, 271, 272, 280, 294; abundans, 270, 280; Ceanothi, 233; Clematidis, 276; Corydalis, 225; Euphorbiae, 270; Fumariacearum, 225; Hydrophylli, 271, 294; monoicum, 271, 297; Phaceliae, 271; porosum, 301; Ranunculacearum, 278; roestelioides, 271; Thalictriflavi, 272
Aegerita, 166, 167; **Webberi,** 167, 168
Aesculus glabra, 220
Agaricites Wardianus, 94
Agaricus, 78, 258; azonites, 33; camphoratus, 35; circellatus, 30; decipiens, 7; deliciosus, 31; fuliginosus, 33; glyciosmus, 33; helvus, 32; hysginus, 30; insulsus, 30; lactifluus, 34; lactifluus dulcis, 35; Listeri, 27; lividorubescens, 29; Necator, 29; Nector, 29; oedematopus, 34; pergamenus, 27; piperatus, 27; plinthogalus, 33; pyrogalus, 28; quietus, 31; resimus, 28; rusticanus, 28; striatus, 197; subdulcis, 35; testaceus, 34; theiogalus, 32; torminosus, 28; trivialis, 30; turpis, 29; uvidus, 29; vellereus, 27; volemus, 34
Agoseris elata, 296; glauca, 224; gracilens, 297; Greenei, 297; heterophylla, 297; leontodon, 297
Agropyron, 225, 239, 272, 294; caninum, 272, 294; divergens, 86; occidentale, 86; occidentalis, 276; pseudorepens, 227, 239; repens, 228, 294; Smithii, 276; spicatum, 294; tenerum, 228, 269, 283
Agrostis alba, 228
Aleyrodes Citri, 164, 167, 168; nubifera, 167
Allium acuminatum, 290
Alnus, 54
Alsine borealis, 273
Althaea rosea, 220, 226, 288
Amanita, 40, 257, 258; calyptroderma, 40; cothurnata, 259; muscaria, 200, 255, 256, 259–261; pantherina, 200, 261; phalloides, 200, 255–257, 261; strobiliformis, 261
Amauroderma **Brittonii,** 193; renatum, 193
Ambrosia trifida, 218, 219, 233
Amelanchier, 215, 216, 235, 272; alnifolia, 272; canadensis, 230, 234–236, 240; erecta, 222, 229, 230, 235, 236, 239, 240; intermedia, 236
American mistletoe, Phoradendron flavescens (Pursh) Nutt., A leaf blight of the, 241
Amorpha nana, 233
Andropogon, 234; glomeratus, 220; Hallii, 233, 234, 240; scoparius, 220; virginicus, 228, 239
Anemone, 23
Angelica, 24; dilatata, 292
Aplopappus, 298
Apocynum cannabinum, 218
Aquilegia, 226; caerulea, 270; flavescens, 270; leptocera, 270
Arabis, 23, 271; Drummondii, 271; Holboellii, 219, 224, 286; retrofracta, 286
Archemora Fendleri, 288
Arenaria uintahensis, 286; verna, 286
Armillaria mucida, 42
Arnica, 220; cordifolia, 276; paniculata, 276; rhizomata, 276; subplumosa sylvatica, 276
Aronia, 215, 216, 235; arbutifolia, 222; nigra, 230
Artemisia, 224; dracunculoides, 219, 224, 238, 275; Hookeriana, 279; longifolia, 224; nova, 275; tridentata, 275
Arthur, J. C., Cultures of Uredineae in 1909, 213
Aschersonia Aleyrodis, 164, 168
Ascophora, 127; Cesatii, 139; elegans, 142; fungicola, 146; fusca, 153;

Mucedo, 127, 129, 152; pulchra, 143
Aspergillus, 99, 117; flavus, 152; globosus, 140; maximus, 140
Aster, 278, 295; adscendens, 224, 238, 276, 288; apricus, 278; arenarioides, 276; canescens, 276; ciliomarginatus, 278; Drummondii, 218; Eatoni, 276; ericoides, 219; Fremontii, 278; multiflorus, 218, 219; paniculatus, 218; Tweedyi, 218, 224
Asteroma latebrarum, 19
Asterophora, 71
Astragalus decumbens, 301; diphysus, 301; Purshii, 301; utahensis, 301; Wardii, 301
Atragene occidentalis, 269
Atriplex hastata, 225, 238
Atrocarpus, 153
Auricula ampla, 12; auriformis, 14; hispidula, 15; Judae, 12; nigra, 15; polytricha, 15; protracta, 14
Auricularia, 13, 258; ampla, 12, 17; Auricula, 12, 14, 15, 17; Auricula Judae, 12; auriformis, 14, 17; corrugata, 17; hispidula, 15, 17; lobata, 16, 17; mesenterica, 16, 17; nigra, 15–17; nigrescens, 15, 17; ornata, 16, 17; polytricha, 15–17; sambucina, 12, 17; tremelloides, 17
Auricularia, Three common species of, 12
Avena sativa, 228, 267, 284
Azalea viscosa, 83
Azygites, 140
Bacillus phytophthorus, 202
Bacterium michiganense, 202
Balsamorrhiza macrophylla, 277; sagittata, 277
Banker, H. J., A correction in nomenclature, 7
Baptisia tinctoria, 220, 233
Barrett, M. F., Three common species of Auricularia, 12
Barya, 49, 84; parasitica, 84; parasitica caespitosa, 85
Beckmannia erucaeformis, 283
Belonidium Glyceriae, 251
Berberis repens, 304; vulgaris, 227, 239
Bertia moriformis, 85
Bigelovia Douglasii, 297
Bjerkandera adusta, 185
Blight of the American Mistletoe, Phoradendron flavescens (Pursh) Nutt., A leaf, 241
Boehmeria, 223; cylindrica, 218, 223, 227, 233
Boletinellus merulioides, 47
Boletus, 41, 76, 152, 258; communis, 41; lupinus, 200; microporus, 194; piperatus, 41; rubinellus, 41; rubinus, 41; Satanas, 200
Boletus from Jamaica, A new, 305
Boletus from Mexico, A new, 248
Brickellia grandiflora, 295
Bromus, 271; hordeaceus, 267; marginatus, 267; polyanthus, 267; Porteri, 293; sterilis, 293
Buchanan, R. E., Monascus purpureus in silage, 99
Bulbothamnidium, 127, 143; elegans, 143; **pulchrum,** 143, 144; **pulchrum variabile,** 144
Burlingham, G. S., The Lactariae of North America—Fascicles I and II, 27
Byssonectria, 49, 65; abducens, 65; chrysocoma, 65, 66; fimeti, 66; rosella, 66; **violacea,** 65
Caeoma confluens, 272
Calamagrostis canadensis, 86, 219
Calamovilfa longifolia, 225, 238
Callirrhoe, 226; involucrata, 219, 220, 226, 239
Calochortus Nuttallii, 277
Caltha leptosepala, 297
Calyptospora columnaris, 231, 240
Calyptromyces, 127, 145, 146; **circinelloides,** 147, 148; **erectus,** 147, 148; **globosus,** 147, 148; **plumbeus,** 147, 148; ramosus, 145–147; simplex, 146
Candelabrum, 146
Cantharellus, 67; aurantiacus, 261; cibarius, 70; tubaeformis, 261
Carduus, 279; acaulescens, 279; lanceolatus, 279; leiocephalus, 266, 277; undulatus, 219, 223, 233, 286
Carex, 87, 223, 224, 266, 278, 292, 294; aristata, 223, 238; Backii, 218; Bonplandii minor, 218; festiva, 224, 238, 278; Hoodii, 277; Jamesii, 266, 282; lanuginosa, 222, 238, 277; muricata confixa, 277; nebraskensis, 266, 282, 283; rostrata, 278; siccata, 219; stenophylla, 224, 238, 298; tenella, 218; tenuis, 218; trichocarpa, 223, 238
Carum, 24; Gardneri, 287; Garrettii, 287
Cassia Chamaecrista, 220, 233
Catabrosa aquatica, 268, 292
Catharinia americana, 19
Caulophyllum thalictroides, 227
Ceanothus americanus, 219, 220, 233, 240; ovatus, 233
Cedar, A new polypore on incense, 155
Cedar, Sabina sabinoides (H.B.K.) Small, The whitening of the mountain, 205
Ceratostomella, 250

Cercospora Violae-tricoloris, 19
Ceriomyces, 258; communis, 44, 46; ferruginatus, 258; **jalapensis,** 248; miniato-olivaceus, 259; subsanguineus, 45; subtomentosus, 46
Cerrenella farinacea, 185
Chaetocladium, 141
Chaetostylum, 143; Fresenii, 143
Chamaedorea, 177, 178; Sartorii, 177
Chanterel, 198; alectorolophoides, 261; aurantiacus, 198; tubaeformis, 198
Chelone glabra, 219, 220
Chenopodium album, 225, 238, 296
Chlamydomucor, 145; racemosus, 147
Chromocrea, 48, 58, 63; **ceramica,** 58, 59; **gelatinosa,** 58, 90; **substipitata,** 58, 59
Chromocreopsis, 48, 63; **bicolor,** 63, 64; **cubispora,** 63, 90; **hirsuta,** 63, 64
Chrysomphalis Aonidum, 165
Chrysomyxa Pirolae, 274
Chrysophlyctis endobiotica, 97, 157
Chrysopogon avenaceus, 219
Chrysothamnus pulcherrimus, 298; viscidiflorus, 297
Cinna arundinacea, 228
Cintractia Caricis, 266
Circinella, 127, 141, 146, 148, 150; umbellata, 141
Citrus, 245
Cladochytrium Violae, 19
Cladonia, 199
Cladosporium, 245; Citri, 245, 246; elegans, 245, 246
Cladosporium Citri Mass. and C. elegans Penz. confused, 245
Cladosporium elegans Penz. and C. Citri Mass. confused, 245
Clark, E. D., Seaver, F. J., &, Studies in pyrophilous fungi—II, 109
Clathrus cancellatus, 264
Clavaria, 258
Claviceps purpurea, 200
Claytonia sibirica, 279
Clematis ligusticifolia, 276
Cleome serrulata, 296
Clintoniella, 71, 74; apiculata, 73
Clitocybe illudens, 261
Cnicus Drummondii acaulescens, 279
Coker, W. C., A new host and station for Exoascus filicinus (Rostr.) Sacc., 247
Coleosanthus grandiflorus, 295
Colletotrichum falcatum, 252; Violae-tricoloris, 19
Collomia gracilis, 291
Collybia dryophila, 132; velutipes, 157
Color guide, A new, 37
Coltricia spathulata, 185
Comandra pallida, 279
Common species of Auricularia, Three, 12
Conioselinum scopulorum, 24
Coprinus, 99; micaceus, 157
Cordyceps, 60; alutacea, 60; brevipes, 61; typhina, 86
Coriolellus Sepium, 185
Coriolopsis caperata, 186; fulvocinerea, 186; occidentalis, 186; rigida, 186; subglabrescens, 186; Taylori, 186; vittata, 186
Coriolus armenicolor, 186; brachypus, 186; **effusus,** 186; **Hollickii,** 187; maximus, 187; membranaceus, 186, 187; pavonius, 187; **pertenuis,** 187; pinsitus, 188; sector, 188; versicolor, 72, 79, 188
Correction in nomenclature, A, 7
Corydalis, 225; aurea, 225; glauca, 225; sempervirens, 225
Coscinaria, 84; Langloisii, 84
Crataegus, 215, 222, 230, 234, 235, 237; apiifolia, 237; cerronis, 222, 230, 237, 239, 240; coccinea, 222, 229, 231, 237, 239, 240; cordata, 238; flavo-carius, 238; Marshallii, 237; Phaenopyrum, 238; Pringlei, 230, 234, 239, 240; punctata, 222, 229, 237, 239, 240
Creonectria ochroleuca, 175; seminicola, 176
Crepis, 280; acuminatus, 280; glauca, 280; occidentalis, 280; rostrata, 280; scopulorum, 280
Cressa Truxillensis, 280
Cultures of Uredineae in 1909, 213
Cyanospora, 209, 211; **Albicedrae,** 211
Cyathus, 50; striatus, 56, 90
Cycloporellus iodinus, 188
Cydonia vulgaris, 222
Cynomarathrum Nuttallii, 282
Cystopteris fragilis, 272
Dactylis glomerata, 86
Dactylium, 75
Daedalea amanitoides, 196
Dasiophora fruticosa, 274
Datura Stramonium, 260
Delphinium scaposum, 233
Dematium, 250
Dianthus caryophyllus, 301
Diaporthe parasitica, 202
Dicranophora, 150; fulva, 150
Dictyophora duplicata, 3, 264; Ravenelii, 3
Diplocladium minor, 74
Diplodia Hamamelidis, 251
Dirca palustris, 219, 227
Disease of the pansy, A Fusarium, 19
Distichlis spicata, 225, 238; stricta, 295

Dothidea typhina, 86
Dothiorella divergens, 251
Dozya, 82; riccioidea, 82
Draba pectinata, 281
Dryopteris, 247; acrostichoides, 247; spinulosa, 247
Echinospermum floribundum, 289
Edgerton, C. W., Trochila Populorum Desm., 169
Elfvingia fasciata, 193; tornata, 193
Elymus, 227, 272; canadensis, 227, 228, 239, 283, 293; condensatus, 283, 289, 291; glaucus, 268, 293; robustus, 268; striatus, 226, 227, 239; virginicus, 86, 227, 239
Entoloma grande, 262; lividum, 262; sinuatum, 262
Entomogenous fungus, An important, 164
Entyloma Catabrosae, 268; Compositarum, 269; crastophilum, 268
Epichloe, 86; typhina, 86
Epilobium, 298; adenocaulon, 299; alpinum, 293, 298; anagallidifolium, 300; brevistylum, 300; clavatum, 293, 298; Drummondii, 300; Drummondii latiusculum, 298; Hornemanni, 293; paniculatum, 282; rubricaule, 298; straminium, 298
Erigeron annuus, 218; Coulteri, 269; macranthus, 280
Eriocoma cuspidata, 267
Eriogonum campanulatum, 301; heracleoides, 301; racemosum, 302; umbellatum majus, 302
Erysimum asperum, 296
Erythronium grandiflorum parviflorum, 302; parviflorum, 302
Eucalyptus, 66
Eupatorium serotinum, 219
Euphorbia dentata, 302; montana robusta, 270, 304; robusta, 270, 304; serpyllifolia, 302
Exidia ampla, 12; auricula, 12; Auricula Judae, 12; auriformis, 14; glandulosa, 54; hispidula, 15; polytricha, 15; protracta, 14; purpurascens, 15, 17
Exoascus, 247; filicinus, 247
Exoascus filicinus (Rostr.) Sacc., A new host and station for, 247
Fawcett, H. S., An important entomogenous fungus, 164; Cladosporium Citri Mass. and C. elegans Penz. confused, 245
Festuca confinis, 280; elatior, 291; octoflora, 268
Filix fragilis, 272
Fistulina hepatica, 45
Flaviporus rufoflavus, 188
Fomes, 258; annosus, 193; Auberianus, 191, 194; geotropus, 194; Laricis, 155, 258; ohiensis, 194; Sagraeanus, 194; subferreus, 194
Fomitella supina, 194
Fomitiporella umbrinella, 184
Fomitiporia cinchonensis, 184; cubensis, 184; jamaicensis, 184; tropicalis, 184
Fossil polypore, A new, 93
Fraxinus lanceolata, 225, 239
Fuligo septica, 65
Funalia villosa, 188
Fungi, Illustrations of—V, 1; VI, 43; VII, 159
Fungi, Studies in pyrophilous—II, 109
Fungus, An important entomogenous, 164
Fusarium, 20, 21, 117, 202, 250; **Violae,** 21
Fusarium disease of the pansy, A, 19
Fuscoporella **castletonensis,** 184
Fuscoporia viticola, 184
Galium triflorum, 292
Ganoderma subincrustatum, 194; tuberculosum, 194
Garrett, A. O., The smuts and rusts of Utah, 265
Gaura biennis, 223
Gayophytum caesium, 267, 283; intermedium, 267, 283; lasiospermum, 283; pumilum, 283; racemosum, 283; ramosissimum, 283
Genus, A new phalloid, 25
Geranium Fremontii, 287; nervosum, 287; Richardsonii, 287; venosum, 287
Gesneria, 82
Gilia Nuttallii, 291
Gillenia stipulacea, 231
Glaziella, 49, 88; aurantiaca, 88, 89; vesiculosa, 88
Gloeophyllum Berkeleyi, 197; hirsutum, 197; striatum, 197
Gloeosporium caulivorum, 202; nervisequum, 200; Salicis, 169
Gloiodon, 10; **stratosus,** 11; strigosus, 10
Glomerula, 151; repens, 151
Glyceria nervata, 267
Glycyrrhiza lepidota, 302
Grindelia squarrosa, 219, 220 284
Guide, A new color, 37
Gutierrezia Euthamiae, 284; Sarothrae, 284
Gymnolomia, multiflora, 275
Gymnosporangium, 222, 230, 235, 236, 306; Amelanchieris, 216; Betheli, 230, 239; clavipes, 229, 239; corniculans, 236, 240; cornutum, 215, 230, 235, 239; Davisii, 215, 216, 235; exiguum, 234, 240; exterum, 231, 240; floriforme, 231, 239; globosum, 229, 237, 239; Juniperi,

214; Juniperi-virginianae, 231; Nelsoni, 272; nidus-avis, 214, 222, 230, 239; **trachysorum,** 237, 240
Gyromitra esculenta, 257
Gyroporus **jamaicensis,** 305
Hapalopilus gilvus, 188; licnoides, 188
Heald, F. D., & Wolf, F. A., The whitening of the mountain cedar, Sabina sabinoides (H.B.K.) Small, 205
Hebeloma, 251, 262; fastibile, 262
Hedgcock, G. G., A new polypore on incense cedar, 155
Hedysarum utahense, 302
Helianthella uniflora, 284
Helianthus annuus, 284; lenticularis, 284
Helicostylum, 127, 145; cyaneum, 145; elegans, 145
Heliotropium curassavicum, 219
Helotium citrinum, 59
Helvella mesenterica, 16; tremellina, 16
Heuchera parvifolia, 281; rubescens, 281; utahensis, 281
Hexagona cucullata, 189; daedalea, 189; fragilis, 189; Maxoni, 189; subcaperata, 189; tessellatula, 189
Hibiscus militaris, 220
Hieracium griseum, 285
Hirneola ampla, 12; auricula-Judae, 12; auriformis, 14; hispidula, 15; nigra, 15; polytricha, 15; protracta, 14
Histories, Two new species with studies of their life, 175
Holcus lanatus, 295
Hollick, A., A new fossil polypore, 93
Holway, E. W. D., Notes on Uredineae—V, 23
Hordeum jubatum, 219, 268, 293; nodosum, 268, 293; pusillum, 268, 293; vulgare, 228
Horkelia Gordonii, 274
Host and station for Exoascus filicinus (Rostr.) Sacc., A new, 247
Hyalopsora Polypodii, 272
Hydnum, 258; argillae, 94; parasiticum, 7, 8, 11; stratosum, 8, 9, 11; strigosum, 8–11
Hydrogera, 127, 136, 139; crystallina, 136, 137; Kleinii, 136, 137; longipes, 136, 137; obliqua, 136, 137; Oedipus, 136, 138; rorida, 138
Hydrophora, 127, 129, 132, 139; fimetaria, 139; **Fischeri,** 133; minima, 132; **rufescens,** 133, 134; stercorea, 129, 132, 133; **Taeniae,** 133, 134; tenella, 132, 139
Hydrophyllum capitatum, 271, 286; virginicum, 219, 220, 227, 233; Watsonii, 271, 286
Hygrophorus, 159, 163; Cantharellus, 162; ceraceus, 160; chlorophanus, 160; coccineus, 162; conicus, 162; Laurae, 163; miniatus, 163; nitidus, 161; pratensis, 159; psittacinus, 160; puniceus, 161
Hypholoma Boughtoni, 251; rigidipes, 251
Hypocrea, 48, 49, 58, 74, 79, 80, 82; alutacea, 60; apiculata, 73, 74; armeniaca, 57; aurantiaca, 50, 54, 56; aurantio-cervina, 65; bicolor, 64; brevipes, 61; ceramica, 59 cervina, 57; chionea, 50, 52; chlorospora, 58; chromosperma, 58; citrina, 50, 54, 55; citrinella, 79; consimilis, 83; contorta, 51; cubispora, 59, 63; digitata, 82; discoidea, 87; fungicola, 55; gelatinosa, 58; hirsuta, 64; insignis, 57; Karsteniana, 55; laetior, 57; lateritia, 68; latizonata, 50, 56, 83, 90; lenta, 49, 51, 52; Lloydii, 61; maculaeformis, 57; melaleuca, 53; minima, 50, 52; ochroleuca, 57; olivacea, 50, 53; pallida, 50, 55, 56; pallida aurea, 56; papyracea, 80; parasitans, 57; parmelioides, 82; patella, 50, 52; Petersii, 61, 62; polyporoidea, 57; riccioidea, 82; Richardsoni, 58; rigens, 51; rufa, 49, 50, 60, 90; saccharina, 57; Schweinitzii, 51; scutellaeformis, 49, 51; subviridis, 58; sulphurea, 50, 53, 55; tremellicola, 83; viridans, 81; viridi-rufa, 65; viridis, 58
Hypocreales, Notes on North American—III. Two new species with studies of their life histories, 175
Hypocreales of North America, The —III, 48
Hypocrella, 49, 87; atramentosa, 88; Hypoxylon, 88; phyllogena, 88; **Tamoneae,** 87; Sloaneae, 87
Hypocreopsis, 49, 82; **consimilis,** 82, 83; **lichenoides,** 82, 90; riccioidea, 82; **tremellicola,** 82, 83
Hypomyces, 49, 65, 67, 71, 74, 79, 80, 92; alboluteus, 89; **apiculatus,** 72, 73, 92; apiosporus, 82; asterophorus, 82; aurantius, 72, 74, 92; aureo-nitens, 72, 76, 92; Banningii, 70; boletinus, 76; camphorati, 68; chrysospermus, 72, 76, 92; **citrinellus,** 72, 79, 92; exiguus, 66; hyalinus, 72, 77, 78, 82, 92; inaequalis, 77, 78; insignis, 70; Lactifluorum, 70, 72, 90, 92; lateritius,

68, 69; **macrosporus,** 72, 80, 92; ochraceus, 81, 82; **papyraceus,** 72, 80, 92; polyporinus, 72, 78, 92; purpureus, 72, 73; rosellus, 72, 75, 92; roseus, 75; sepulcralis, 81; tegillum, 82; terrestris, 81; transformans, 70, 74; Van-Bruntianus, 77, 78; violaceus, 65, 66; viridis, 67; Volemi, 68, 69; Vuilleminianus, 68, 69; xylophilus, 73, 74
Hypophyllum lateritium, 32
Hypoxylon, 65
Hystrix hystrix, 86
Illustrations of fungi—V, 1; VI, 43; VII, 159
Impatiens, 227; aurea, 226, 227, 239
Important entomogenous fungus, An, 164
Incense cedar, A new polypore on, 155
Inocybe, 251, 262; infida, 257, 262
Inonotus corrosus, 189; fulvomelleus, 189; jamaicensis, 189
Ipomoea pandurata, 227
Irpiciporus lacteus, 189
Ithyphallus impudicus, 3
Iva axillaris, 286; frutescens, 218; xanthiifolia, 299
Ivesia Gordoni, 274
Jamaica, A new Boletus from, 305
Jamaica, The Polyporaceae of, 183
Juncus Balticus, 220; longistylis, 303; saximontanus, 303; xiphioides montanus, 303
Juniperus, 60, 230; barbadensis, 192; horizontalis, 216, 235, 236, 240; Scopulorum, 230, 239; sibirica, 215, 216, 229, 230, 239; virginiana, 222, 229–231, 234, 236, 238–240
Koeleria cristata, 86
Laciniaria punctata, 219, 220; scariosa, 220; spicata, 219, 220
Lactaria, 67, 70, 71, 73, 95, 262; affinis, 30; agglutinata, 29; alpina, 32; aquiflua, 32; aquiflua brevissima, 32; aspideoides, 29; azonites, 33; Bensleyae, 33; brevipes, 32; brevis, 32; camphorata, 35, 68; Chelidonium, 36; cinerea, 32; circellata, 30; corrugis, 35; crocea, 28; deflexa, 30; deliciosa, 31; distans, 34; fuliginosa, 33, 263; fuliginosa major, 34; fumosa, 33; Gerardii, 34; glaucescens, 28; glyciosma, 33; grisea, 33; helva, 32; Hibbardae, 33; hygrophoroides, 34; hysgina, 30; insulsa, 30; isabellina, 35; lactiflua, 34; ligniota, 34; lividorubescens, 29; minuscula, 31; mucida, 30; nitida, 31; oculata, 31; parva, 36; Peckii, 32; pergamena, 27; piperata, 27; platyphylla, 30; plinthogala, 33; pyrogala, 263; quieta, 31; resima, 28; rimosella, 35; rufa, 262; rusticana, 28, 36; salmonea, 34; speciosa, 28; subdulcis, 35; subdulcis oculata, 31; subpurpurea, 31; subseriflua, 35; theiogala, 32, 263; torminosa, 28, 263; trivialis, 30; turpis, 29; uvida, 29, 69; varia, 36; vellerea, 27, 263; villosa, 28; volema, 34, 69; xanthogalacta, 32
Lactariae of North America, The—Fascicles I and II, 27
Lactariella azonites, 33; ligniota, 34
Lactarius deceptiva, 27; livescens, 29; pyrogalus, 29; sordidus, 29; torminosus, 200
Lactuca pulchella, 285; sativa, 219
Lappula, 289; floribunda, 289
Lathyrus coreaceus, 303; utahensis, 266, 303
Leaf blight of the American mistletoe, Phoradendron flavescens (Pursh) Nutt., A, 241
Leaia piperata, 9–11; stratosa, 11
Lenzites Earlei, 197
Leotia, 1; chlorocephala, 2; lubrica, 1; stipitata, 2
Lepargyraea canadensis, 218–220, 223
Lepidium apetalum, 296; virginicum, 296
Lepiota americana, 263; Morgani, 263
Leptotaenia, 23; dissecta, 24; Eatoni, 287
Lewis, C. E., Occurrence of Monascus Barkeri in bottled pickles, 174
Libocedrus decurrens, 156
Lichtheimia, 151
Life histories, Two new species with studies of their, 175
Ligusticum, 24; filicinum, 287, 300; Scopulorum, 24
Linum Kingii, 273; Lewisii, 273
Lithophragma bulbifera, 270; parviflora, 288
Lithospermum angustifolium, 219, 220; arvense, 219; canescens, 219, 233
Lomatium platycarpum, 287
Lupinus parviflorus, 303; pulcherrimus, 303
Lycogola aquosum, 133; flavescens, 133; petiolatum, 133
Lycopsis arvensis, 219
Lysimachia quadrifolia, 229
Macbridella, 176; **olivacea,** 178, 182
Machaeranthera canescens, 276
Macrophoma, 241, 251; **Phoradendri,** 242, 244; Visci, 241, 242
Magnolia, 52

Malus, 230; coronaria, 222; Ioensis, 229, 230, 239; Malus, 222, 231
Malva rotundifolia, 201, 288
Marasmius alienus, 252; oreades, 44, 263; peronatus, 263; plicatus, 252; urens, 263
Marssonia, 169, 171; Castagnei, 169
Melampsora, 272, 273; Bigelowii, 273; epitea, 273; Lini, 273; Medusae, 273; Vacciniorum, 300
Melampsorella Cerastii, 273; elatina, 273
Melampsoropsis Pyrolae, 274
Melanconium Sacchari, 252
Melidium subterraneum, 142
Mentha canadensis, 289
Mertensia, 289; arizonica, 289; ciliata, 289; intermedia, 289; polyphylla, 289; sibirica, 289; virginica, 220
Merulius auricula, 12; lacrymans, 97; mesentericus, 16
Mexico, A new Boletus from, 248
Micranthes arguta, 285, 290
Microporellus dealbatus, 189; porphyritis, 190
Microsteris, 291; micrantha, 291
Mimulus ringens, 219, 220, 227
Mistletoe, Phoradendron flavescens (Pursh) Nutt., A leaf blight of the American, 241
Mitella pentandra, 285; stenopetala, 281, 285
Monardella odoratissima, 289
Monascus, 99, 102–105, 174; Barkeri, 174; heterosporus, 105; mucoroides, 105; purpureus, 101, 102, 105, 174; ruber, 105
Monascus Barkeri in bottled pickles, Occurrence of, 174
Monascus purpureus in silage, 99
Monilia spongiosa, 140
Montia sibirica, 279
Mountain cedar, Sabina sabinoides (H.B.K.) Small, The whitening of the, 205
Mucor, 99, 117, 125–128, 132, 133, 135, 148, 151, 152; albo-virens, 151, 152; ambiguus, 149; arrhizus, 129, 130; ascophorus, 129, 151, 152; aspergillus, 140; Beaumontii, 153; caninus, 133, 151, 152; capitato-ramosus, 140, 151, 152; carneus, 151; chrysospermus, 76; circinelloides, 148; corymbifer, 151; Cucurbitarum, 153; curtus, 153; dichotomus, 140; echinophila, 151, 152; elegans, 142; erectus, 148; Fimbria, 151, 152; fimetarius, 139, 151; flavidus, 140, 151; fusiger, 135, 136; globosus, 148; heterogamus, 149; inaequalis, 131; juglandis, 147; macrocarpus, 136; minimus, 151; Moelleri, 149; Mucedo, 127–129, 133, 143, 151, 153; mucilagineus, 134; murinus, 151; **nodosus,** 129, 130; obliquus, 137; paradoxus, 152; parasiticus, 151; piriformis, 133, 134; plumbeus, 148; racemosus, 145–147; ramosissimus, 140; ramosus, 140; rhizopodiformis, 130; rhombosporus, 135; romanus, 132; roridus, 138; rubens, 134; rufescens, 134; rufus, 140, 151; Saccardoi, 150; spinescens, 148; spinosus, 148; stercoreus, 133, 151, 152; stolonifer, 128, 129; Taeniae, 134; tenellus, 151; tenius, 151, 152; truncorum, 147, 151, 152; umbellatus, 141; urceolatus, 137; violaceus, 132; vulgaris, 128, 129
Mucorales, The North American—I, 125
Muhlenbergia glomerata, 226, 239
Murrill, W. A., A new Boletus from Jamaica, 305; A new Boletus from Mexico, 248; A new phalloid genus, 25; Illustrations of fungi—V, 1; VI, 43; VII, 159; Poisonous mushrooms, 255; The Polyporaceae of Jamaica, 183
Mushrooms, poisonous, 255
Mutinus caninus, 4; elegans, 4
Mycena, 135
Mycocladus, 150; verticillatus, 150
Mycogone perniciosa, 202
Myosotis palustris, 219, 227, 233
Myrcia octopleura, 88
Napaea dioica, 226, 233
Nectria, 65, 66, 71, 175, 176, 180; Albertini, 75; aurantia, 74; Bainii, 176; rosella, 75; vulgaris, 175; **zonata,** 179, 180, 182
Nematogonium fumosum, 140; simplex, 140
New Boletus from Jamaica, A, 305
New Boletus from Mexico, A, 248
New color guide, A, 37
New fossil polypore, A, 93
New host and station for Exoascus filicinus (Rostr.) Sacc., A, 247
New phalloid genus, A, 25
New polypore on incense cedar, A, 155
New species with studies of their life histories, Two, 175
News and Notes, 39, 95, 156, 198, 249, 306
Nigrofomes melanoporus, 194
Nigroporus vinosus, 190
Nomenclature, A correction in, 7
North America, The Hypocreales of —III, 48

North America, The Lactariae of—Fascicles I and II, 27
North American Hypocreales, Notes on—III. Two new species with studies of their life histories, 175
North American Mucorales, The—I, 125
Notes, News and, 39, 95, 156, 198, 249, 306
Notes on North American Hypocreales—III. Two new species with studies of their life histories, 175.
Notes on Uredineae—V, 23
Occurrence of Monascus Barkeri in bottled pickles, 174
Odontia, 258
Oenothera caespitosa, 303; heterantha, 285; marginata, 303
Oidium Violae, 19
Onagra biennis, 218, 223, 238
Oomyces, 49, 84; Langloisii, 84
Ophioceras, 205, 211
Osmorrhiza, 23; nuda, 290
Oxygraphis Cymbalaria, 278
Oxypolis, 24; Fendleri, 24, 288
Oxyria digyna, 290
Ozomelis stenopetala, 281, 285
Pachylophus caespitosus, 303; marginatus, 303
Panaeolus campanulatus, 263; papilionaceus, 263
Panicularia nervata, 86
Panicum Crus-galli, 267; virgatum, 220
Pansy, A Fusarium disease of the, 19
Panus stypticus, 263
Parasitella, 151; simplex, 151
Parnassia fimbriata, 291
Patila lobata, 16; mesenterica, 16
Paxillus involutus, 150
Peckiella, 49, 66, 92; Banningiae, 67, 70, 92; **camphorati,** 67, 68, 92; hyalina, 77; hymenii, 67, 71, 92; hymenioides, 68, 69; lateritia, 67, 68, 92; polyporina, 78; transformans, 67, 70, 92; viridis, 67, 92; Vuilleminiana, 68
Pectiantia pentandra, 285
Penicillium, 99, 117, 175, 201; italicum, 98
Periconia phycomyces, 132
Peridermium Strobi, 157
Peronospora Violae, 19
Petalostemon purpureum, 219, 220, 233
Petradoria pumila, 294
Peucedanum graveolens, 282; simplex, 287
Peziza Auricula, 12; Auricula-Judae, 12; auriformis, 14; nigrescens, 15; nigricans, 15
Phacelia alpina, 271; bipinnatifida, 219, 220; heterophylla, 271
Phallogaster, 26
Phalloid genus, A new, 25
Phallus, 25, 26; impudicus, 200, 264
Phlebia mesenterica, 16
Phlox, 291; caespitosa, 283; depressa, 281; longifolia, 291
Phoma Violae-tricoloris, 19
Phomopsis Stewartii, 252
Phoradendron flavescens, 242
Phoradendron flavescens (Pursh) Nutt., A leaf blight of the American mistletoe, 241
Phragmidium affine, 274; Andersoni, 274; Horkeliae, 274; Jonesii, 274; montivagum, 275
Phragmitis communis, 225, 239
Phycomyces, 127, 131, 135; nitens, 132, 152
Phyllosticta Violae, 19
Physomyces, 104; heterosporus, 102, 105
Phytophthora Cactorum, 202
Pickles, Occurrence of Monascus Barkeri in bottled, 174
Pilaira, 127, 132, 138, 139; Cesatii, 139; fimetaria, 139; nigrescens, 139
Pilobolus, 136, 138, 139, 151; anomalus, 139; crystellinus, 136, 137, 151, 152; Kleinii, 137; longipes, 137; Oedipus, 138; roridus, 137, 138, 151
Pirella, 150; circinans, 150
Pleurococcus, 179
Pleurocystis, 145; ascendens, 146; Fresenii, 145–147; fungicola, 146; Helicostylum, 146
Plowrightia morbosa, 78
Pluteus cervinus, 157
Poa Fendleriana, 278; pratensis, 292; reflexa, 292
Podocrea, 60; alutacea, 60
Podostroma, 48, 60; alutacea, 60; alutaceum, 60, 90; **brevipes,** 60, 61; leucopus, 60
Pogonomyces hydnoides, 190
Poisonous mushrooms, 255
Polemonium reptans, 221, 222, 227
Polygala Senega, 219, 220, 227
Polygonatum biflorum, 219
Polygonum, 24; aviculare, 303
Polyporaceae of Jamaica, The, 183
Polypore, A new fossil, 93
Polypore on incense cedar, A new, 155
Polyporites, 94; Bowmanni, 94
Polyporus, 57, 77, 94, 144, 152, 258; **amarus,** 155; arcularius, 190; Blanchetianus, 190; libocedrus, 155; Polyporus, 94; **praeguttulatus,**

190; scabellus, 190; subelegans, 190; Tricholoma, 190
Polystichum spinulosum, 247
Polystictus hirsutus, 202
Populus, 169, 273; alba, 169; angustifolia, 273
Porteranthus stipulatus, 222, 231, 240
Potentilla, 274; Bakeri, 274; fruticosa, 274; glomerata, 274; pulcherrima, 274; viridescens, 274
Proabsidia, 150
Protophallus, 25; **jamaicensis,** 25
Pseudo-Absidia, 151; vulgaris, 151
Pseudo-cymopterus, 24
Pseudomonas destructans, 98
Pseudopeziza, 169, 173; Salicis, 169
Pseudopolyporus carbonicus, 93
Psilocybe nigrella, 252
Psoralea Onobrychis, 227, 233
Ptilocalais graciloba, 297; major, 297
Puccinia, 23, 218, 219, 233, 272, 287, 288, 294, 295; aberrans, 275; Absinthii, 275; aemulans, 275; Agropyri, 276; albulensis, 23; Alliorum, 290; amphigena, 225, 238; Anemones-virginianae, 23; arnicalis, 276; asperior, 24; Asteris, 276; Balsamorrhizae, 277; Bistortae, 24; Blasdalei, 290; Calochorti, 277; Carduorum, 277; caricina, 277; Caricis, 223, 238, 277, 283; Caricis-Asteris, 224, 238, 277, 278; **Ceanothi,** 233, 240; Cesatii, 233; cinerea, 278; Cirsii, 279; Cirsii-lanceolati, 279; claytoniata, 279; Comandrae, 279; conferta, 279; confluens, 280; Crandallii, 280; crepidicola, 280; Crepidis-acuminatae, 280; Cressae, 280; cretica, 280; curtipes, 281; Distichlidis, 219; Douglasii, 281; Drabae, 281; effusa, 281; Ellisiana, 220; Ellisii, 282; Epilobii-Tetragoni, 282, 298; expansa, 282; Fergussoni, 282; fraxinata, 225, 239; Garrettii, 282; Gayophyti, 283; Gerani-silvatica, 287; Giliae, 283; Graminis, 283; Grindeliae, 284; Gutierreziae, 284; Gymnolomiae, 275; Harknessii, 284; Helianthellae, 284; Helianthi, 284; hemispherica, 285; heterantha, 285; Heucherae, 285; Hieracii, 285; Holboellii, 23, 286; Hydrophylli, 286; hysteriiformis, 286; Impatientis, 226, 227, 239; inclusa, 286; intermixta, 286; Jonesii, 24, 287; Leveillei, 287; Ligustici, 24, 287; Lithophragmae, 288; lobata, 288; luteobasis, 24; magnoecia, 288; Malvacearum, 201, 288; Malvastri, 293; Mariae-Wilsoni, 279; Menthae, 289; Mertensiae, 289; mirabilissima, 304; Monardellae, 289; montanensis, 289; Muhlenbergiae, 226, 239; Musenii, 24; mutabilis, 290; Nuttallii, 292; obliterata, 225, 239; Oenotherae, 299; oregonensis, 23; Osmorrhizae, 23, 290; Oxyriae, 290; pallida, 23; pallido-maculata, 290; Parnassiae, 291; Pattersoniana, 291; Peckii, 222, 238; Phragmitis, 225, 239; Pimpinellae, 24; Piperi, 291; plumbaria, 291; Poarum, 292; poculiformis, 227, 239, 283; Polygoni, 303; poromera, 292; Porteri, 23; Pulsatillae, 296; punctata, 292; quadriporula, 292; Ranunculi, 292; recedens, 282; rhaetica, 23; Rhodiolae, 293; rubigo-vera, 219, 293; saxifrage, 285; scandica, 293; Sherardiana, 293; silvatica, 223; Solidaginis, 294; Stipae, 295; striatula, 219; subcircinata, 295; subdecora, 295; subnitens, 225, 238, 295; substerilis, 219, 228, 239, 296; Suksdorfii, 296; Taraxaci, 296; Thalictri, 296; Thlaspeos, 296; tosta, 297; Treleasiana, 297; trifoliata, 23; Triseti, 297; Troximontis, 297; tuberculans, 297; universalis, 224, 238, 298; Urticae, 277; utahensis, 298; Veratri, 298; Violae, 19, 281, 299; virgata, 219; Wyethiae, 299; xanthiifolia, 299; Zauschneriae, 299
Pucciniastrum Epilobii, 299; Myrtilli, 300; pustulatum, 299; Pyrolae, 300; rotundifolia uliginosa, 300; uliginosa, 300
Pulicaria dysenterica, 220, 221
Pycnoporus sanguineus, 191
Pyrola asarifolia incarnata, 300; rotundifolia uliginosa, 274; secunda, 274, 300; uliginosa, 274
Pyronema, 109–118, 120, 122–124; omphalodes, 122, 123
Pyrophilous fungi, Studies in—II, 109
Pyropolyporus calcitratus, 194; Cedrelae, 194; **cinchonensis,** 195; dependens, 195; Everhartii, 157; extensus, 195; Haematoxyli, 195; **hydrophilus,** 195; igniarius, 157; inflexibilis, 196; jamaicensis, 196; praerimosus, 157; Robinsoniae, 196; roseocinereus, 196; subpectinatus, 196; **troyanus,** 196; Underwoodii, 196

Pyrus communis, 222
Radicula sinuata, 296
Ramularia agrestis, 19; lactea, 19
Ranunculus, 278; Cymbalaria, 278; digitatus, 269; Eschscholtzii, 269, 292; nivalis Eschscholtzii, 292; septentrionalis, 220; stenolobus, 269, 292
Reticularia chrysosperma, 76
Rhizoctonia, 203
Rhizopus, 127, 131, 135, 141; arrhizus, 130; Cohnii, 130; nigricans, 127, 129; nodosus, 130
Ribes saxosum, 272; oxyacanthoides, 272; vallicola, 272
Ricker, P. L., A new color guide, 37
Rigidoporus surinamensis, 191
Roestelia, 215; cornuta, 215; hyalina, 215
Rosa Fendleri, 275; grosse-serrata, 275; Macounii, 275; Maximiliani, 275
Rostkovites granulatus, 305
Rudbeckia laciniata, 218
Ruhlandiella, 204; berolinensis, 203; hesperia, 204
Rumex crispus, 225, 239
Russula, 67, 95, 96, 263; emetica, 200, 264; foetens, 77, 200, 264; fragilis, 264; nitida, 264
Rusts of Utah, The smuts and, 265
Sabina sabinoides, 211
Sabina sabinoides (H.B.K.) Small, The whitening of the mountain cedar, 205
Salix, 54, 273; chlorophylla, 273; cordata lutea, 273; cordata Watsoni, 273; exigua, 273; Fendleriana, 273; flavescens, 273; lasiandra caudata, 273; lasiandra Fendleriana, 273; lutea, 273; luteosericea, 273; Nuttallii, 273; pentandra caudata, 273; phylicifolia, 272, 273; Schouleriana, 273
Salsola Tragus, 296
Sambucus canadensis, 223, 224
Sanicula, 23; bipinnata, 23
Sassafras, 53
Saxifraga arguta, 285, 290; punctata, 285, 290
Schizonella melanogramma, 266
Scleroderma aurantium, 4; Geaster, 5; verrucosum, 5; vulgare, 200
Sclerodon, 10; strigosus, 11
Seaver, F. J., Notes on North American Hypocreales—III. Two new species with studies of their life histories, 175; The Hypocreales of North America—III, 48; & Clark, E. D., Studies in pyrophilous fungi —II, 109
Sedum debile, 293
Senecio crassulus, 295; dispar, 282, 295; lugens, 295; triangularis, 295
Sepedonium, 71; chrysospermum, 76
Septoria sedicola, 252
Sida hederacea, 288
Sidalcea, 226; nervata, 271; oregana, 220
Silage, Monascus purpureus in, 99
Silene Menziesii, 266
Sistotrema, 8
Sitanion californicum, 267, 268; glaber, 283; longifolium, 227, 228, 239
Sloanea, 87
Smelowskia americana, 275; calycina, 275
Smilax hispida, 225, 238
Smuts and rusts of Utah, The, 265
Solidago canadensis, 218, 294; mollis, 294; pulcherrima, 294; pumile, 294; trinervata, 294
Sophia, 271; incisa, 296
Sorbus, 215, 235; americana, 222, 230, 231, 239; Aucuparia, 230, 239
Sorosporium Saponariae, 266
Sparassis, 258
Spartina, 221, 222; cynosuroides, 221, 225, 229, 239; gracilis, 219
Species of Auricularia, Three common, 12
Species with studies of their life histories, Two new, 175
Sphaeralcea grossulariaefolia, 293; Munroana, 294
Sphaeria alutacea, 60; aurantia, 74; boleticola, 82; carneo-alba, 84; citrina, 55; clavata, 60; contorta, 51; gelatinosa, 58; hyalina, 77; Lactifluorum, 71, 72; lateritia, 68, 70; lenta, 51; ochracea, 81; parmelioides, 82; riccioidia, 82; rigens, 51; rosea, 75; rosella, 75; rufa, 49, 50; Schweinitzii, 51; spiculifera, 86; sulphurea, 53; typhina, 86; violacea, 65; viridis, 67
Sphaerosoma, 203, 204; echinulatum, 203; fragile, 203; fuscescens, 203; Janczewskianum, 203; ostiolatum, 203
Sphaerostilbe, 62; hypocreoides, 62; intermedia, 62
Sphaerozone, 203, 204; ostiolatum, 204; Tulasnei, 203, 204
Spinellus, 127, 135; fusiger, 135; macrocarpus, 135, 136; rhombosporus, 135
Spongipellis luridescens, 191
Sporobolus asperifolius, 269, 297; filiformis, 278, 295
Sporodinia, 135, 140, 141; aspergillus, 140; dichotoma, 140; grandis, 140

Station for Exoascus filicinus (Rostr.) Sacc., A new host and, 247
Steccherinum, 10; strigosus, 11
Steironema ciliatum, 221, 222, 229, 239; lanceolatum, 221, 222, 229, 239
Stellaria borealis, 273
Stemonitis, 66
Stemphylium, 202
Stephanomeria minor, 284
Stereum, 17, 77, 96, 258; hirsutum, 96
Stigmatea, 78
Stilbocrea, 48, 62; Dussii, 62, 63; **hypocreoides,** 62; **intermedia,** 62, 90
Stipa, 86; minor, 295, 296; spartea, 228; viridula, 219, 228, 239
Stromatosphaeria typhina, 86
Studies in pyrophilous fungi—II, 109
Studies of their life histories, Two new species with, 175
Suillellus Eastwoodiae, 259; Frostii, 259; luridus, 259; Morrisii, 259; rubinellus, 259
Sumstine, D. R., The North American Mucorales—I, 125
Symphoricarpos, 280; parviflorum, 233; pauciflorus, 218, 219; racemosus, 219, 220; rotundifolius, 270; vaccinioides, 270
Syncephalis, 132; nodosa, 132
Synchitrium aureum, 19
Syzygites, 127, 140, 141; aspergillus, 140, 151, 152; megalocarpus, 140, 152
Taenia solium, 134
Tamonea, 87
Taphrina filicina, 247
Taraxacum officinale, 296; taraxacum, 296
Taraxia subacaulis, 285
Tellima parviflora, 288
Thaelaephora mesenterica, 16
Thalictrum, 226, 294; alpinum, 219, 226, 239; dioicum, 219, 226, 227, 233; Fendleri, 272; purpurascens, 219; sparsiflorum, 270, 272, 296
Thamnidium, 127, 142, 151, 153; chaetocladioides, 144; elegans, 142, 151, 152; Fresenii, 144
Thecaphora deformans, 266; Trailii, 266
Thecopsora Pyrolae, 300
Thelephora, 258; tremellina, 16
Thesaurus, 199
Thielaviopsis ethaceticus, 252
Thlaspi coloradensis, 296; glaucum, 296, 298
Three common species of Auricularia, 12
Tiarella trifoliata, 23
Tieghemella, 150
Tilia, 54
Tilletia, 202; asperifolia, 269; Tritici, 269
Tithymalis arkansanus coloradensis, 219
Trametes cubensis, 191; havannensis, 191; **jamaicensis,** 191; merisma, 252; submurina, 191; **subscutellatus,** 191
Tremella, 82, 230, 258; albida, 83; Auricula, 12; Auricula Judae, 12; auriformis, 14
Tremellidium tremelloides, 17
Trichaptum trichomallum, 192
Tricholoma personatum, 43; sulfureum, 264
Trichosporium variabile, 252
Trichothecium, 75
Trifolium repens, 304
Triphragmium echinatum, 300
Trisetum spicatum, 297; subspicatum, 271
Triticum vulgare, 227, 228, 239, 269, 283
Trochila, 169, 171, 173; Populorum, 169–172
Trochila Populorum Desm., 169
Troximon cuspidatum, 297; gracilens, 297; gracilens Greenei, 297
Two new species with studies of their life histories, 175
Tylopilus felleus, 259
Typhodium, 49, 86; **typhinum,** 86, 90
Tyromyces, 50, 56; caesius, 192; chioneus, 55; **cinchonensis,** 192; lacteus, 192; leucomallus, 192; Palmarum, 193
Ulva nitens, 131, 132
Uredineae in 1909, Cultures of, 213
Uredineae, Notes on—V, 23
Uredo Caricis, 266; confluens, 272; mycophila, 76; Oxytropidis, 301; Polypodii, 272;
Urocystis Agropyri, 269; Anemones, 269; carcinodes, 269; Lithophragmae, 270; sorosporoides, 270; Violae, 19, 270
Uromyces, 221, 222; Aconiti-Lycoctoni, 300; acuminatus, 221, 222, 229; albus, 301; andina, 271, 304; Andropogonis, 228, 239; Astragali, 301; caryophyllinus, 301; Eriogoni, 301; Euphorbiae, 302; Fabae, 303; Glycyrrhizae, 302; graminicola, 220; Hedysari-obscuri, 302; heterodermus, 302; Junci, 220, 303; lupinicola, 303; occidentalis, 303; plumbarius, 303; Polygoni, 303; Spartinae, 221, 222, 229, 239;

Tranzschelii, 271, 304; Trifolii, 304; Zygadeni, 304
Uropyxis sanguinea, 304
Urtica, 223; gracilis, 223, 224, 238, 277
Ustilago, 202; bromivora, 267; Crus-galli, 267; Gayophyti, 267; hypodytes, 267; levis, 267; longissima, 267; Lorentziana, 268; macrospora, 268; Mulfordiana, 268; striaeformis, 268; Zeae, 268
Utah, The smuts and rusts of, 265
Vaccinium, 79; caespitosum, 300; pennsylvanicum, 231, 240; Vitis-idaea, 232
Veratrum, 298; speciosum, 298
Veronica alpina, 23; Cusickii, 23
Verticillium, 71, 117, 175, 176; tubercularioide, 176
Vicia americana truncata, 301; oregana, 266, 301; trifida, 301
Vigna luteola, 84
Viola, 229; blanda, 282; canadensis Rydbergii, 281; cucullata, 220, 228, 239; longipes, 270, 299; Nuttalli, 270; primulifolia, 229; Rydbergii, 281; sororia, 219; tricolor, 19, 21
Viscum album, 241, 242
Volvaria, 264
Washingtonia divaricata, 290; nuda, 290; obtusa, 290; occidentalis, 290
Whitening of the mountain cedar, Sabina sabinoides (H.B.K.) Small, The, 205
Wolf, F. A., A Fusarium disease of the pansy, 19; A leaf blight of the American mistletoe, Phoradendron flavescens (Pursh) Nutt., 241; Heald, F. D., &, The whitening of the mountain cedar, Sabina sabinoides (H.B.K.) Small, 205
Wyethia amplexicaulis, 299
Xanthoxylon americanum, 233
Xylaria aurantiaca, 88; compuncta, 88
Zauschneria Garrettii, 299
Zea Mays, 268
Zygadenus paniculatus, 304
Zygorhynchus, 127, 146, 149; Moelleri, 149